

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	1	(antifreeze OR AFP) AND (chapman OR "van der laar" OR lindner OR visser).in. AND (yeast OR cerevisiae) AND (pmt1\$ OR pmt2\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/10 10:28
S3	90	(antifreeze OR AFP) AND (yeast OR cerevisiae) AND (pmt1\$ OR pmt2\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/10 10:28
S4	2	(antifreeze OR AFP) AND (cerevisiae same (pmt1\$ OR pmt2\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/10 10:29
S5	199	antifreeze AND cerevisiae	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/10 10:29
S6	10	S5 AND ((pmt1 OR pmt2) AND (knockout OR knock-out OR delete OR deletion OR "homologous recombination" OR inactivate OR activation) AND (heterologous OR recombinant))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/10 16:18
S7	7	"9404687".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/10 14:45
S8	2	"20020068325".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/10 14:53
S9	2	"5714377".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/10 16:01
S10	15214	(chapman OR (van adj de adj laar) OR lindner OR visser).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/10 16:03
S11	296	pmt\$ same (mutant OR mutation)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/10 16:03
S12	1	S11 and antifreeze	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/10 16:03
S13	19	S10 and antifreeze	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/10 16:03

EAST Search History

S14	1	S13 and pmt\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/10 16:03
S15	3	"2002048382".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/10 16:18
S16	1	"02048382".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/10 16:18
S17	2	"20020048382".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/10 16:19
S18	1	"200248382".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/10 16:19

Untitled

GOOGLE search strategy; 10/539,229; 1/10/08

- 1) (antifreeze OR AFP) AND (chapman OR "van der laar"
OR lindner OR visser) AND yeast AND (pmt1 OR pmt2)
- 2) (yeast OR cerevisiae) AND ("pmt1 deficient" OR
pmt1-deficient OR "pmt2 deficient" OR pmt2-deficient)
- 3) (yeast OR cerevisiae) AND (pmt1 OR pmt2) AND
(knockout OR knock-out OR delete OR deletion OR "homologous
recombination" OR inactivate OR activation) AND
(heterologous OR recombinant)
- 4) (yeast OR cerevisiae) AND cen.pk338

Untitled

Google; 10/539,229; 1/10/08

5) ("pmt mutants" OR "pmt mutant") AND cerevisiae

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|---|--|----------------------------------|
| 1. afp AND cerevisiae
Database: Dissertations & Theses
Look for terms in: Citation and abstract
Publication type: All publication types | Set Up Alert <input checked="" type="checkbox"/> | 1 results as of January 10, 2008 |
| 2. antifreeze AND cerevisiae
Database: Dissertations & Theses
Look for terms in: Citation and abstract
Publication type: All publication types | Set Up Alert <input checked="" type="checkbox"/> | 0 results as of January 10, 2008 |
| 3. (pmt1 OR pmt2) AND cerevisiae
Database: Dissertations & Theses
Look for terms in: Citation and abstract
Publication type: All publication types | Set Up Alert <input checked="" type="checkbox"/> | 3 results as of January 10, 2008 |

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- To save search indefinitely, click query # and select Save in My NCBI.
- To combine searches use #search, e.g., #2 AND #3 or click query # for more options.

Search

Most Recent Queries

#11 Search ice structuring protein

Time Result

11:11:07 0

#5 Search antifreeze

11:00:31 16

Clear History

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Search	Most Recent Queries	Time	Result
PubMed Services	#34 Search gentzsch tanner	15:11:42	10
Journals Database	#32 Search Vashist and ng	14:57:44	3
MeSH Database	#31 Search antifreeze pmt	12:53:34	1
Single Citation Matcher	#30 Search afp pmt	12:53:02	6
Batch Citation Matcher	#28 Search glycosylation decrease cerevisiae heterologous	12:49:30	3
Clinical Queries	#27 Search glycosylation decrease yield cerevisiae heterologous	12:49:21	0
Special Queries	#24 Search glycosylation yield cerevisiae heterologous	12:47:47	6
LinkOut	#18 Search romanos yeast foreign	12:41:09	6
My NCBI	#10 Search #8 AND (cerevisiae OR yeast)	11:25:32	11
Related Resources	#16 Search #15 AND (glycosylation OR o-glycosylation)	11:16:04	7
Order Documents	#15 Search #8 OR #12 OR #13	11:14:25	513
NLM Mobile	#13 Search "ice structuring proteins" OR "ice structuring-proteins"	11:12:27	7
NLM Catalog	#12 Search "ice structuring protein" OR "ice structuring-protein"	11:11:34	6
NLM Gateway	#9 Search #8 AND (pmt1 OR pmt2)	11:07:53	0
TOXNET	#8 Search #6 OR #7	11:07:23	510
Consumer Health	#7 Search "Antifreeze Proteins"[Mesh]	11:06:34	510
Clinical Alerts	#6 Search "Antifreeze Proteins, Type III"[Mesh]	11:04:50	31
ClinicalTrials.gov	#4 Search antifreeze AND (pmt1 OR pmt2)	09:52:28	0
PubMed Central	#3 Search driedonks antifreeze	09:50:57	1

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STN Search History for 10/539,229 STEADMAN 1/10/08

(FILE 'HOME' ENTERED AT 16:08:11 ON 10 JAN 2008)

FILE 'REGISTRY' ENTERED AT 16:08:58 ON 10 JAN 2008

SET LINE 250
SET DETAIL OFF
E "ANTIFREEZE PROTEIN"/CN 25
SET LINE LOGIN
SET DETAIL LOGIN
SET LINE 250
SET DETAIL OFF
E "PMT1"/CN 25
SET LINE LOGIN
SET DETAIL LOGIN

FILE 'CAPLUS' ENTERED AT 16:10:20 ON 10 JAN 2008

SET LINE 250
SET DETAIL OFF
E CHAPMAN J W/AU 25
SET NOTICE 1000 SEARCH
L1 2 SEA ("CHAPMAN J W"/AU OR "CHAPMAN JOHN W"/AU OR "CHAPMAN JOHN
WILLIAM"/AU) AND (PMT? OR AFP OR ANTIFREEZE)
SET NOTICE LOGIN SEARCH
SET LINE LOGIN
SET DETAIL LOGIN
SET LINE 250
SET DETAIL OFF
E VAN DE LAAR T/AU 25
SET NOTICE 1000 SEARCH
L2 0 SEA ("VAN DE LAAR TEUN"/AU) AND (PMT? OR AFP OR ANTIFREEZE)
SET NOTICE LOGIN SEARCH
SET LINE LOGIN
SET DETAIL LOGIN
SET LINE 250
SET DETAIL OFF
E LINDNER N M/AU 25
SET NOTICE 1000 SEARCH
L3 5 SEA ("LINDNER NIGEL"/AU OR "LINDNER NIGEL M"/AU OR "LINDNER
NIGEL MALCOLM"/AU) AND (PMT? OR AFP OR ANTIFREEZE)
SET NOTICE LOGIN SEARCH
SET LINE LOGIN
SET DETAIL LOGIN
SET LINE 250
SET DETAIL OFF
E VISSER C/AU 25
SET NOTICE 1000 SEARCH
L4 1 SEA ("VISSER C"/AU OR "VISSER C K"/AU OR "VISSER CHR K"/AU OR
"VISSER CHRISTIAAN"/AU OR "VISSER CHRISTIAAN KORNELIS"/AU) AND
(PMT? OR AFP OR ANTIFREEZE)
SET NOTICE LOGIN SEARCH
SET LINE LOGIN
SET DETAIL LOGIN
L5 6 SEA L1 OR L3 OR L4

FILE 'MEDLINE, AGRICOLA, CAPLUS, BIOSIS, EMBASE, WPIDS' ENTERED AT
16:14:18 ON 10 JAN 2008

L6 272 SEA PMT? AND CEREBISIAE
L7 141 SEA L6 AND (KNOCKOUT OR KNOCK-OUT OR DELET? OR "HOMOLOGOUS
RECOMBINATION" OR INACTIVAT? OR MUTANT OR MUTATION)
L8 2 SEA L7 AND (AFP OR ANTIFREEZE OR "ICE STRUCTURING PROTEIN")
L9 10 SEA L8 OR L5
L10 7 DUP REM L9 (3 DUPLICATES REMOVED)

STN Search History for 10/539,229 STEADMAN 1/10/08

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All: 1

- If making selections (e.g., Subheadings, etc.), use the Send to Search Box feature to see PubMed records with those specifications.
- Select PubMed under the Links menu to retrieve all records for the MeSH Term.
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☐ 1: Antifreeze Proteins, Type III

Links

A subclass of ANTIFREEZE PROTEINS that are globular, 6.5 kDa in size and contain compact beta-sheet structures.

Year introduced: 2001

Subheadings: This list includes those paired at least once with this heading in MEDLINE and may not reflect current rules for allowable combinations.

- ☐ administration and dosage
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 ☐ analysis
 ☐ blood
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☐ toxicity
 ☐ ultrastructure

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Entry Terms:

- Type III Antifreeze Proteins
- Fish Antifreeze Proteins, Type III
- Fish Type III AFP
- Type III Fish Antifreeze Proteins

All MeSH Categories

Chemicals and Drugs Category

Amino Acids, Peptides, and Proteins

Proteins

Antifreeze Proteins

Antifreeze Proteins, Type III

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